



Learning Technology
Center 1 Central

Stilgebauer Award 2010 – Application Form

Please provide the information below. This application form needs to accompany the Project Summary for the project to be considered for a Stilgebauer award. Individuals or teams may complete the required information for their own project(s) or for another teacher or group's project

Project Name: Intelligent Education Tools in the Classroom

School Regional Area ☐ North Cook ☒ South Cook ☐ West 40

District Name Hazel Crest School District

District No. 152 1/2

Name(s)-Teams with up to 5 members will be accepted! Include all names.

Email Address(s)

* Jennifer Volpe

* jvolpe@sd1525.org

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School Name Warren Palm Elementary School

School Street Address 1910 W. 170th St.

School City, State, Zip Hazel Crest, IL. 60429

School Phone Number 708-335-0224

If you are providing information to nominate another teacher or group, please provide your information below (if different from those named above).

Nominator's Name Technical Services Dept. (Vince Rucker & Glenn Coffey)

Nominator's Phone # 708-335-0790 x 34 / 708-335-0790 x39

Best Contact Time 8:00 am - 4:00 pm

Nominator's Email vrucker@sd1525.org / gcoffey@sd1525.org

Please attach the Project Summary to this form and send to Learning Technology Center One Central at 2701 W. Washington Blvd., 2nd Floor, Bellwood, IL 60104

Larry Stilgebauer Technology Award 2010 Summary

1. **Project Title** - Using Intelligent Educational Tools in the Classroom
2. **Project Abstract** - Using "Reading Pen" technology to improve student vocabulary and build independence in self paced learning.
3. **Grade Level** - 5th Grade
4. **Subject Area** - Language Arts
5. **Technology Resources** - Reading Pens
6. **Other materials** -
7. **Standards** – ILS Reading Goal 1. a,b,c (Reading with Understanding and Fluency) NETS 6. a,b (Technology Operations and Concepts) Design and Develop Digital-Age Learning Experiences and Assessments

Teachers design, develop, and evaluate authentic learning experiences and assessment incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the NETS•S. Teachers:

- a. design or adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity.
 - b. develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress.
8. **Process** - Students work through a variety of vocabulary assignments involving the reading of passages and defining specific words throughout the passage using digital "Reading Pens". The student then identifies by sound and definition, words used in the passages listed randomly on a corresponding page.
 9. **Integration** - The Reading Pen allows the student to scan a word he/she does not recognize and then provides an audible pronunciation and digital display of the definition directly on the pen. This direct pen response offers the student immediate feedback and builds independence and confidence in a self paced learning assignment.
 10. **Reflection** – Students observed using this technology had higher concentration levels and were more focused on working through respective assignments. They also appeared to be less intimidated when attempting to read unfamiliar words. As a result, immediate benefits were noted in follow-up quizzes. Higher vocabulary retention levels and word understanding were noted and students scored an average of 69% on vocabulary quizzes, up from 58% prior to using Reading Pens.